

Message

From: Shoven, Heather [shoven.heather@epa.gov]
Sent: 7/16/2018 9:36:26 PM
To: Holst, Linda [holst.linda@epa.gov]; Kelley, Jeff [kelley.jeff@epa.gov]
Subject: FOR JEFF - Linda will forward to WDNR once you are okay with this language: Final Juneau Talking Points for WDNR

Importance: High

Best wishes,
Heather

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From: Shoven, Heather
Sent: Monday, July 16, 2018 4:32 PM
To: Klassman, Debra <klassman.debra@epa.gov>; Holst, Linda <holst.linda@epa.gov>
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Subject: Final Juneau Talking Points for WDNR

EPA's Talking Points for 7/17/2018 Meeting: Juneau County Groundwater Screening Investigation

- After receiving complaints from residents regarding potential private drinking water well contamination in the Town of Armenia, EPA sampled groundwater in the Town from April 30 through May 3, 2018.
- EPA collected groundwater samples at 41 temporary boring locations and five private drinking water wells. The samples were analyzed for multiple parameters, including nutrients. Private well results have been provided to the homeowners. In October of 2017, EPA collected samples from 13 private wells, three of these 13 were again sampled in May; therefore, EPA has sampled a total of 15 private drinking water wells in the area. The October results were also communicated to the homeowners.
- EPA used temporary or "point-in-time" groundwater sampling techniques with the goal of characterizing nature and extent of pollutants in groundwater. This information can be used to identify potential sources of groundwater pollutants and potential impacts to drinking water sources.
- The borings were located in a grid network designed to characterize groundwater conditions upgradient and downgradient of potential sources of well contamination.
- Samples were collected at two depths to better characterize the extent of potential nitrate contamination in the aquifer.
- Preliminary analysis shows:
 - Trend of increased concentrations of nitrates in groundwater downgradient of crop fields. Concentrations range from above the nitrate standard of 10 mg/l to as high as 59.2 mg/l.
 - Trend of nitrate concentrations below 10 mg/L upgradient of crop fields.

- EPA is in the process of analyzing the full results and will coordinate further with Wisconsin Department of Natural Resources (WDNR) to determine the appropriate next steps to protect public health.
- EPA just released the raw data from the investigation. However, EPA is not far enough along in the data review and analysis process to discuss detailed results, findings or conclusions. EPA continues to analyze the results and plans to issue a final sampling report in August.